U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERC	
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.	

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/678,168	
STATEMENT BY APPLICANT	Filing Date	October 6, 2003	
1	First Named Inventor	Shunpei YAMAZAKI et al.	
(use as many sheets as malessary)	Group Art Unit	2811	
JUL 2 6 2004 5	Examiner Name		
Sheet 1	Attorney Docket Number	0756-7208	
(MADDIA)	1.6. 0		

r	TRA	DEMARK	U.S. PATENT DOCUMEN	TC	<del></del>	
			U.S. PATEINT DOCUMEN	13	<del></del>	
Examiner Initials*	Cite No.		U.S. Patent Document	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
,		Number Kind Code <sup>1</sup> (if known)	Document	MM-00-1111		
7		5,608,232	Yamazaki et al.	03/04/1997		
	<u> </u>					
	<del> </del>					
	<del> </del>			<del> </del>	. ,	
<del></del>	<del> </del>					

Examiner Initials*	Cite	Cite No.		Foreign Patent Docus	Foreign Patent Document		Date of Publication of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	
		Office <sup>3</sup>	Number <sup>4</sup>	ind Code (if known)	Applicant of Citod Document	MM-DD-YYYY	Figures Appear	τ*	
<b>-</b> A4		JP	07-038113			02/07/1995		Full	
	ļ		ОТН	ER PRIOR	art – non patent lite	RATURE DOCUMENTS	<u> </u>	<u></u>	
Examiner Initials	Cite No.1				or (in CAPITAL LETTERS), i urnal, serial, symposium, catalo publisher, city and/or count	og, etc.)., date, page(s), volum		T <sup>2</sup>	
Office Action for U.S. Application Serial No. 09/894,125 filed June 29, 2001.							29, 2001.		
								<del> </del>	

Examiner	M Pm J	~^	Date	0-17-44
Signature	13//~	· Y	Considered	1 1 1

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE nd to a collection of information unless it contains a valid OMB control number.

			red to respond to a contection of information	omplete if Known
Substitute for form 1449	YAM YAN	0 5 2004	Application Number	10/678,168
NFORMATI	IONVISC	LOSURK/.	Filing Date	October 6, 2003
STATEMEN (use as man	T BY 🐙 🗜	LICAN	First Named Inventor	Shunpei YAMAZAKI et al.
(use as mai	my sheets as necess	THE THE	Group Art Unit	2811
•			Examiner Name	Unassigned
Sheet 1	of	Ti	Attorney Docket Number	0756-7208
2 neer 1	"			

				U.S. PATENT DOCUMENT	rs	
Examiner Cite	Cite No.1			Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
innes	1	Number	Kind Code <sup>2</sup> (if known)	Document		
		<del> </del>				
	+	-				

						REIGN PATENT DOC	Date of Publication of Cited	Pages, Columns, Lines, Where	
Examiner Initials	Cite No.1		Foreign Patent D			Name of Patentee or Applicant of Cited Document	Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Co (if kno		Application			
	Ī				┝				
	ļ	<del></del>							
	<del> </del>	┼┼			<del>                                     </del>				
	+-	1							
					<u></u>				
						ART - NON PATENT LIT			т-
Examiner Initials	Cite No.1		item (bo	ok, maga	zine, je	publisher, city and/or cou	title of the article (when approlog, etc.)., date, page(s), volur atry where published.		T³
<del></del>		Spec	ification	Claims	. Ab	stract, and Drawings	of U.S. Serial No. 09	/352,362 Filed July	
Pa <sub>2</sub>		12	000 "Cn	etallin	e. Se	miconductor Thin Fi	m, Memod of rabile	ating the Same	٠,
		١ ــ				ed Machad at Habitica	ting the ballic		+
1		1	40 000 E	1 - 4 7 - 1	12	1000 W wetalline S	emiconaucioi iliinii	igs of U.S. Serial No.	
۲۸		Fab	icating th	e Same	y 13, e, Se	miconductor Device,	and Method of Fabric	cating the Same"	

Examiner Signature Mm / n	Date Considered	9-17-04
Signature		and the state of t

<sup>\*</sup>EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. ubstitute for form 1449A/PTO Complete if Known 10/678,168 **Application Number** FORMATION DISCLOSURE October 6, 2003 Filing Date ATEMENT BY APPLICANT Shunpei YAMAZAKI et al. First Named Inventor (use as many sheets as necessary) Group Art Unit Unassigned Examiner Name of 1 Attorney Docket Number 0756-7208

U.S. PATENT DOCUMENTS										
Examiner Initials	Cite No.1	U.S. Paid	ent Document	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	""	Number	Kind Code <sup>2</sup> (if known)	Document	MM-DD-YYYY					
					<u>.</u>					
	ļ									
	<u> </u>									
	<b>1</b>	<del> </del>								
	<del> </del>									

					OREIGN PATENT DOC	UNENIS		Υ
Examiner Initials	Cite No.'	No.'		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
,		Office,	Number <sup>4</sup>	Kind Code! (if known)	Applicant of Cited Document	MM-DD-YYYY	Figures Appear	14
PW.		JP	09-312260			12/02/1997		AB
			от	HER PRIOR	ART – NON PATENT LITE	RATURE DOCUMENTS		
Examiner Initials*	Cite No.1		Include na item (book	me of the auth , magazine, jo	nor (in CAPITAL LETTERS), urnal, seriat, symposium, catal publisher, city and/or coun	og, etc.)., date, page(s), volum	priate), title of the ne-issue number(s),	T <sup>3</sup>
			·					
								+
								<del>- </del>

Examiner	N	Im	JM	Date Considered	9-15-04
Signature	. ,	· /*		Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Complete if Known | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 | | 10/678,168 |

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

Complete if Known						
Application Number	10/678,168					
Filing Date	October 6, 2003					
First Named Inventor	Shunpei YAMAZAKI et al.					
Group Art Unit	2811					
Examiner Name	Unassigned					
Attorney Docket Number	0756-7208					

		·	U.S. PATENT DOCUMENT	rs	
Examiner Initials	Cite No.	U.S. Patent Document	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)	Document		
144	1	5,985,681	Hamajima et al.	11/16/1999	
PH.		6,221,738	Sakaguchi et al.	04/24/2001	
170		5,869,387	Sato et al.	02/09/1999	
	1 7				
			.ne ·		
<u> </u>		HOMESTAGE TO SEE THE			
	1				
	<del>                                     </del>	1			
<del> </del>	<b>-</b> -				

					FOREIGN PATENT DOC	CUMENTS	T	
Examiner Initials	Cite No.'	Foreign Patent Document			Name of Patentee or	Date of Publication of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	T <sup>4</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>1</sup> (if known)	Applicant of Cited Document	MM-DD-YYYY	Figures Appear	
	1					<del> </del>		
	+					<del> </del>		
	┼──			+		1		
			C	THER PRIO	R ART - NON PATENT LIT	ERATURE DOCUMENTS		
Examiner Initials	Cite No.1		Include item (bo	name of the a ok, magazine,	uthor (in CAPITAL LETTERS) journal, serial, symposium, cat publisher, city and/or cou	alog, etc.)., date, page(s), volun	opriate), title of the ne-issue number(s),	T²
		<del> </del>						
								+
	}							<del>                                     </del>
								1

		_/				
Examiner	2/1	m J	2	Date	9-15-24	
Signature	'-\	1 m	' '\.	Considered		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	for form 1449A/PTO			Complete if Known		
INFO	RMATION I	וואר	LOSURE	Application Number	Based on 09/352,194	
	EMENT BY			Filing Date	July 13, 1999	
SIAI				First Named Inventor	Shunpei YAMAZAKI, et al.	
	(use as many sheets	as necesso	(עיני)	Group Art Unit	2823	
				Examiner Name	Fernando L. TOLEDO	
Sheet	1	of	4	Attorney Docket Number	0756-7208	

				U.S. PATENT DOCUMENT	TS	
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
,		Number	Kind Code <sup>3</sup> (if known)	Document	MM-DD-YYYY	
76		5,594,569		Konuma et al.	01/14/97	
		5,643,826		Ohtani et al.	07/01/97	
		5,923,962		Ohtani et al.	07/13/99	
		5,854,096		Ohtani et al.	12/29/98	
		5,365,875		Asai et al.	11/22/94	
		5,846,869		Hashimoto et al.	12/08/98	
		6,077,731		Yamazaki et al.	06/20/00	
		5,888,857		Zhang et al.	03/30/99	
		5,616,506		Takemura	04/01/97	
		6,121,076		Zhang et al.	09/19/00	
		6,093,937		Yamazaki et al.	07/25/00	
1,		5,960,323		Wakita et al.	09/28/99	
W		6,335,541		Ohtani et al.	01/01/02	

				F	OREIGN PATENT DOC	UMENTS		
	Cite No.1	1		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)	Applicant of Cited Document	MM-DD-YYYY	Figures Appear	T <sup>6</sup>
74		JP	7-130652			05/19/95		Abst.
			ОТ	HER PRIOR	ART – NON PATENT LITE	RATURE DOCUMENTS		
Examiner Initials	Cite No. <sup>1</sup>				hor (in CAPITAL LETTERS), to purnal, serial, symposium, catalopublisher, city and/or count	og, etc.)., date, page(s), volum		T²
لهم		Waf	Ryuichi Shimokawa, et al., "Characterization of High-Efficiency Cast-Si Solar Cell Wafers by MBIC Measurement," Japanese Journal of Applied Physics, Vol. 27, No. 5, pp. 151-758, 1988.					
		FLC	H. Furue, et al., "Characteristics and Driving Scheme of Polymer-Stabilized Monostable FLCD Exhibiting Fast Response Time and High Contrast Ratio with Gray-Scale Capability," SID 1998.					
		T. Y	T. Yoshida, et al., "A Full-Color Thresholdless Antiferroelectric LCD Exhibiting Wide Viewing Angle with Fast Response Time," SID DIGEST, pp. 841-844, 1997.					
44		1	S. Inui, et al., "Thresholds antiferroelectricity in liquid crystals and its application to displays," J. Mater. Chem., 6(4), pp. 671-673, 1996.					

Examiner	N/ h = -/ ~	Date	9-19-04
Signature	1 // ~ ~ /	\/ Considered	(

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box  $\rightarrow$  [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitut	e for form 1449A/PT	0		Complete if Known		
INEC	RMATION	DISC	LOSURE	Application Number	Based on 09/352,194	
	TEMENT B			Filing Date	July 13, 1999	
SIA		_		First Named Inventor	Shunpei YAMAZAKI, et al.	
	(use as many shee	is as necesso	(עזי	Group Art Unit	2823	
		Examiner Name	Fernando L. TOLEDO			
Sheet	2	of	4	Attorney Docket Number	0756-7208	

				U.S. PATENT DOCUMENT	ГS	
Examiner Initials		U.S. Patent Doc	wment	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Kind Code <sup>2</sup> (If known)	Document	MM-DD-YYYY		
44		5,696,386		Yamazaki	12/09/97	
		5,712,191		Nakajima et al.	01/27/98	
		5,923,966		Teramoto et al.	07/13/99	
		5,529,937		Zhang et al.	06/25/96	
		5,569,610		Zhang et al.	10/29/96	
		5,869,363		Yamazaki et al.	02/19/99	
		5,147,826		Liu et al.	09/15/92	
		5,616,932		Sano et al.	04/01/97	
		5,910,015		Sameshima et al.	06/08/99	
		5,461,250		Burghartz et al.	10/24/95	
		4,986,213		Yamazaki et al.	01/22/91	
		5,403,772		Zhang et al.	04/04/95	
		5,426,064		Zhang et al.	06/20/95	
		5,639,698		Yamazaki et al.	06/17/97	
44		5,843,833		Ohtani et al.	12/01/98	

		F	OREIGN PATENT DOC	UMENTS				
Examiner Initials	Cite No.	Foreign Patent Document	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant			
,		Office <sup>3</sup> Number <sup>4</sup> (if known)	Applicant of Cited Document	MM-DD-YYYY	Figures Appear	۲٠		
Νh		JP 08-078329	Ohtani	03/22/96		Abst.		
		OTHER PRIOR	ART – NON PATENT LITE	RATURE DOCUMENTS	<del>-</del>	-		
Examiner Initials	Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.					
hy			Henry Dorin, Peter E. Demmin, Dorothy L. Gabel, "Chemistry The Study of Matter," 1992, Prentice Hall, page 532.					
		1 .	Aya et al., "Improvement of SPC Poly-Si Film Using the ELA Method," September 11-12, 1997, pp. 167-170, AM-LCD.					
لہم			Abe et al., "High-Performance PolyCrystalline Silicon TFTs Fabricated Using SPC and ELA Methods," July 9-10, 1998, pp. 85-88, AM-LCD.					

		l .		
Examiner Signature	Wom J	m,	Date Considered	9-15-04
1 31611BIBIC	' \ <b>y ''</b>	1/	Constacted	1 ,

<sup>\*</sup>EXAMINER: Initial igreference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 2 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	te for form 1449A/PT	0		Complete if Known		
INFC	<b>DRMATION</b>	DISC	Aditso	Application Number	Based on 09/352,194	
	TEMENT B			Filing Date	July 13, 1999	
SIA				First Named Inventor	Shunpei YAMAZAKI, et al.	
	(use as many shee	is as necess	(מייי	Group Art Unit	2823	
				Examiner Name	Fernando L. TOLEDO	
Sheet	3	of	4	Attorney Docket Number	0756-7208	

				U.S. PATENT DOCUMEN	TS	
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent I	Kind Code <sup>1</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Releva Passages or Relevant Figures Appear
14V	-	5 050 055	(if known)		00/00/00	
יא		5,879,977		Zhang et al.	03/09/99	
		5,994,172		Ohtani et al.	11/30/99	
		6,027,960		Kusumoto et al.	02/22/00	<u> </u>
		6,054,739		Yamazaki et al.	04/25/00	
		6,096,581		Zhang et al.	08/01/00	
		6,124,154		Miyasaka	09/26/00	
		6,140,165	1	Zhang et al.	10/31/00	
		6,285,042		Ohtani et al.	09/04/01	
		6,023,074		Zhang	02/08/00	
		5,492,843		Adachi et al.	02/20/96	
		5,789,762		Koyama et al.	08/04/98	
		5,837,619		Adachi et al.	11/17/98	
		5,879,974		Yamazaki	03/09/99	
		5,897,347		Yamazaki et al.	04/27/99	-
		5,953,597		Kusumoto et al.	09/14/99	
		5,956,579		Yamazaki et al.	09/21/99	
1,,		5,985,740		Yamazaki et al.	11/16/99	
NH		6,559,036	İ	Ohtani et al.	05/06/03	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
hh		Specifications and Drawings for Application Serial No. 09/894,125, "Crystalline Semiconductor Thin Film, Method of Fabricating the Same, Semiconductor Device and Method of Fabricating the Same," Filing Date: June 29, 2001, Inventors: Shunpei YAMAZAKI, et al.						
لهم		Specifications and Drawings for Application Serial No. 09/908,727, "Semiconductor Device and Method of Manufacturing the Same," Filing Date: July 20, 2001, Inventors: Hisashi OHTANI, et al.						

Examiner Signature	M	Im ~	~ ~	,	Date Considered	9-15-04
				<del>/</del>		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute	for form 1449A/PTO			Complete if Known		
INFO	RMATION I	)ISC	OSURE	Application Number	Based on 09/352,194	
	EMENT BY	_		Filing Date	July 13, 1999	
SIAI				First Named Inventor	Shunpei YAMAZAKI, et al.	
	(use as many sheets	as necesso	(עזיי)	Group Art Unit	2823	
				Examiner Name	Fernando L. TOLEDO	
Sheet	4	of	4	Attorney Docket Number	0756-7208	

				U.S. PATENT DOCUMEN	TS	
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)	Document	MM-DD-YYYY	
HP.		6,071,764		Zhang et al.	06/06/00	
		6,071,766		Yamazaki et al.	06/06/00	
		6,077,758		Zhang et al.	06/20/00	
		6,180,439		Yamazaki et al.	01/30/01	
		6,197,624		Yamazaki	03/06/01	
		5,481,121		Zhang et al.	01/02/96	
		5,514,879		Yamazaki	05/07/96	
		5,578,520		Zhang et al.	11/26/96	
	I	5,604,360		Zhang et al.	02/18/97	
		5,605,846		Ohtani et al.	02/25/97	
		5,620,910		Teramoto	04/15/97	
		5,693,541		Yamazaki et al.	12/02/97	
		5,795,795		Kousai et al.	08/18/98	
		5,808,321		Miyanaga et al.	09/15/98	
$\neg$		6,071,796		Voutsas	06/06/00	
<b>~</b> ₩	<u> </u>	5,648,276		Hara et al.	07/15/97	

				F	OREIGN PATENT DOC	UMENTS			
Examiner Initials	Cite No.1		Foreign Patent Document		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
					Office	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)	Applicant of Cited Document	MM-DD-YYYY
μη		JP	9-186336			07/15/97		Abst.	
			01	HER PRIOR	ART – NON PATENT LITE	RATURE DOCUMENTS		1	
Examiner Initials	Cite No.				hor (in CAPITAL LETTERS), ournal, scrial, symposium, catal publisher, city and/or coun	og, etc.)., date, page(s), volum		T²	
μĄ		Pen	U.S. Patent Application Serial No. 09/412,512, including Specification, Drawings and Pending Claims, "Liquid Crystal Display Device Active Matrix Type Liquid Crystal Display Device, and Method of Driving the Same,", Shunpei YAMAZAKI, October 5,						

Examiner Signature	7	m	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	M	Date Consider	ered 9-15-04
					•	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.